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SUBJ: ENERGY SOURCES IN BRITISH COLUMBIA: ELECTRICITY

1. SUMMARY. UNCERTAINTIES OVER CONVENTIONAL OIL AND NATURAL GAS SUPPLIES HAVE BROUGHT BRITISH COLUMBIA TO THE CONCLUSION THAT ITS FUTURE ENERGY REQUIREMENTS CALL FOR EXPANDED PRODUCTION OF ELECTRICITY. INCREASED GENERATION WILL BE PRIMARILY IN THE FORM OF HYDRO POWER AND OF COAL-FIRED THERMAL PLANTS. FOR THE LONGER RANGE, NUCLEAR POWER IS BEING CONSIDERED. B.C. HYDRO, A CROWN CORPORATION PRESENTLY PROVIDING 90 PERCENT OF ALL ELECTRICITY SOLD FOR PUBLIC CONSUMPTION, WILL BEAR THE RESPONSIBILITY FOR BRINGING ABOUT THE SHIFT IN B.C.'S ENERGY SOURCE MIX AND THUS WILL PLAY A VITAL ROLE IN THE PROVINCE'S FUTURE ECONOMIC GROWTH. CONSIDERABLE PUBLIC DEBATE HAS ARISEN OVER ELECTRICITY DEMAND FORECASTS, SKYROCKETING CAPITAL COSTS FOR NEW GENERATING FACILITIES (REFLECTING IN EVER HIGHER RATE SCHEDULES), INATTENTION TO CONSERVATION MEASURES, AND POSSIBLE ENVIRONMENTAL DEGRADATION BROUGHT ABOUT BY POWER DEVELOPMENT PROJECTS. B.C. HYDRO IS ONLY NOW BEGINNING TO RESPOND TO CHANGING PUBLIC VALUES IN THE ENERGY FIELD

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AND TO EXAMINE FUTURE PROJECTS IN OTHER THAN STRICTLY ECONOMIC AND ENGINEERING TERMS. B.C. HYDRO INTERACTS WITH THE U.S. AS THE "CANADIAN ENTITY" UNDER THE COLUMBIA RIVER TREATY AND HAS BEEN A SMALL NET EXPORTER OF ELECTRICITY TO THE U.S. AS A MEMBER OF THE NORTHWEST POWER POOL. SHOULD B.C. HYDRO DEVELOP EXCESS GENERATING CAPACITY AS A RESULT OF TOO HIGH DEMAND FORECASTS, AS MANY CRITICS SUGGEST WILL BE THE CASE,

AN EXPORTABLE SURPLUS FOR THE U.S. MAY DEVELOP IN FUTURE YEARS.
END SUMMARY.

2. NOTE: THIS REPORT IS THE FIRST OF A TRILOGY EXAMINING
ENERGY SOURCES IN BRITISH COLUMBIA. A REPORT ON
COST AND ONE ON GAS AND OIL WILL BE SUBMITTED WITHIN THE NEXT
TWO MONTHS.

3. ELECTRICITY CONSUMPTION. NATIONALLY, ELECTRICITY HAS BEEN
CONTINUOUSLY INCREASING IN RELATIVE IMPORTANCE AS AN ENERGY
SOURCE UNTIL IT PRESENTLY REPRESENTS APPROXIMATELY ONE-
THIRD OF TOTAL CANADIAN ENERGY CONSUMED (SEVENTY-FIVE PERCENT
IS PRODUCED BY WATER POWER, TODAY'S MOST IMPORTANT RENEWABLE
RESOURCE). IN CONTRAST TO THE NATIONAL PICTURE, HOWEVER,
ONLY 19 PERCENT OF BRITISH COLUMBIA'S TOTAL ENERGY REQUIREMENTS
ARE MET BY ELECTRICITY, WHILE 52 PERCENT IS ACCOUNTED FOR BY
OIL, 22 PERCENT BY NATURAL GAS, AND MOST OF THE REMAINING SEVEN
PERCENT BY HOG FUEL (SAWMILL WASTE). SEVERAL FACTORS HAVE
ACCOUNTED FOR THIS UNEXPECTEDLY LOW B.C. DEPENDENCY ON ELECTRI-
CITY: SELF-SUFFICIENCY IN INEXPENSIVE NATURAL GAS SUPPLIES,
EASY ACCESS TO ALBERTAN OIL, A HISTORICAL HEAVY USE OF WOOD
AND HOG FUEL AND A DISADVANTAGEOUS PRICE
DIFFERENTIAL BETWEEN ELECTRICITY AND POSSIBLE FUELS.

4. CHANGE IN THE ENERGY SOURCE MIX. BRITISH COLUMBIA IS NOW
ON THE THRESHOLD OF AN IMPORTANT CHANGE IN ITS ENERGY SOURCE
MIX. WHILE INDIGENOUS NATURAL GAS SUPPLIES ARE CONSIDERED
SUFFICIENT TO MEET B.C.'S NEEDS FOR THE FORESEEABLE FUTURE
(BUT NOT IN SUCH QUANTITY AS TO BE ABLE TO MEET DOMESTIC RE-
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REQUIREMENTS PLUS EXPORT COMMITMENTS), ITS PRICE MUST STEADILY
RISE RELATIVE TO OTHER ENERGY SOURCES TO DISCOURAGE INEFFICIENT
USES AND TO CONSERVE RESERVES FOR ESSENTIAL PURPOSES. IN THE
CASE OF OIL, SOME 70 PERCENT OF B.C.'S PRESENT CONSUMPTION
MUST BE IMPORTED FROM ALBERTA. UNCERTAINTY OVER THE FUTURE
DEPENDABILITY OF THAT SUPPLY SOURCE, PLUS DECLINING B.C.
PRODUCTION AND THE ALMOST CERTAIN PROSPECT OF HAVING TO IMPORT
EVER-INCREASING AMOUNTS OF OIL AT WORLD MARKET PRICES,
HAS BROUGHT BRITISH COLUMBIA TO THE CONCLUSION THAT ITS FUTURE
ENERGY REQUIREMENTS CALL FOR EXPANDED PRODUCTION OF ELECTRICITY.
TO GENERATE SUCH, THERE ARE THREE ALTERNATIVE SOURCES: NUCLEAR,
HYDRO AND COAL-FIRED THERMAL.

5. PROJECTED LOAD GROWTH RATES. THE NEED FOR ELECTRICITY
IN THE YEARS AHEAD IS ILLUSTRATED BY RECENTLY PROJECTED
GROWTH RATES. THE BRITISH COLUMBIA ENERGY COMMISSION
(BCEC) IN APRIL 1976 CONCLUDED THAT GROWTH RATES IN TOTAL B.C.
ENERGY CONSUMPTION OVER THE 15-YEAR PERIOD TO 1991 WOULD BE IN
THE RANGE OF THREE TO FOUR PERCENT, BUT THAT THE EXPECTED SHIFT

IN THE RELATIVE IMPORTANCE OF THE VARIOUS FUELS WHICH SUPPLY THE B.C. MARKET WOULD REQUIRE A NECESSARILY FASTER GROWTH RATE IN ELECTRICAL ENERGY PRODUCTION TO APPROXIMATELY 5.4 PERCENT PER YEAR. THESE ESTIMATES BY BCEC ARE BELIEVED TO BE CONSERVATIVE AS THEY ARE PREDICATED UPON JUDGMENTS THAT B.C.'S POPULATION GROWTH RATE WILL SLOW CONSIDERABLY, THAT THE PROVINCE WILL BECOME LESS DEPENDENT ON ITS PRIMARY RESOURCE-BASED INDUSTRIES IN FAVOR OF SECONDARY INDUSTRY AND SERVICES WHICH ARE FAR LESS ENERGY INTENSIVE, AND THAT CONSERVATION MEASURES WILL BE EFFECTIVE. THE BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

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(B.C. HYDRO), WHICH WILL BE RESPONSIBLE FOR USHERING THE PROVINCE INTO AN ERA OF EXPANDED ELECTRICITY GENERATION, HAS DISPUTED BCEC'S GROWTH FIGURES AS BEING FAR TOO LOW. B.C. HYDRO IN MAY 1975 ESTIMATED AN ANNUAL LOAD GROWTH TO 1991 AT 9.2 PERCENT ANNUALLY, REPUTEDLY THE HIGHEST GROWTH RATE PREDICTED BY ANY UTILITY IN NORTH AMERICAN. SINCE THEN, HOWEVER, HYDRO ESTIMATES HAVE BEEN REVISED DOWNWARDS AND BCEC ESTIMATES HAVE BEEN REVISED UPWARDS, SO THAT IN A JANUARY 1977 SPEECH HYDRO CHAIRMAN ROBERT W. BOONER COULD STATE THAT FOR THE NEXT DECADE BOTH HYDRO AND BCEC ARE ON TRACK WITH A PREDICTED GROWTH RATE OF 7.2 PERCENT, TO WHICH HYRDO ADDS AN ADDITIONAL 1.4 PERCENT "PLANNING FACTOR." WHILE BONNER MAKES THE POINT THAT A PLANNING OR CONTINGENCY FACTOR IS ESSENTIAL FOR ANY RESPONSIBLE UTILITY TO ACCOUNT FOR EXTREME CASES OF LOW WATER YEARS, COLD WINTERS AND DOWNTIME ON GENERATING UNITS, SOME OFFICIALS BELIEVE THAT THE

FIGURE 1.4 WAS DEVISED PRIMARILY TO RECONCILE THE FORECASTING DISPARITY BETWEEN BCEC AND HYDRO.

6. ROLE OF B.C. HYDRO. THE EXTENT TO WHICH BRITISH COLUMBIA SUCCESSFULLY SHIFTS FROM OIL AND GAS FUEL SOURCES WHICH ARE LIMITED OFFICIAL USE

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FAST BEING DEPLETED TO HYDRO- AND COAL- FIRED ELECTRICAL ENERGY OVER THE COMING DECADES WILL BE A FUNCTION OF B.C. HYDRO'S GENERATING CAPABILITY. B.C. HYDRO IS THE PROVINCE'S LARGEST AND MOST IMPORTANT PROVINCIAL CROWN CORPORATION AND CANADA'S THIRD LARGEST UTILITY. B.C. HYDRO WAS FORMED IN 1962, THROUGH THE AMALGAMATION OF B.C. POWER COMMISSION, A CROWN CORPORATION, AND B.C. ELECTRIC COMPANY, LTD., A PRIVATE UTILITY,

FOR PURPOSES OF ORDERLY PLANNING OF ELECTRIC POWER FOR THE PROVINCE AS A WHOLE AND FOR FINANCING THE LARGE GENERATION AND TRANSMISSION PROJECTS DEEMED NECESSARY FOR THE BURGEONING B.C. POPULATION AND ENERGY-INTENSIVE RESOURCE-BASED INDUSTRIES. TODAY, B.C. HYDRO, WITH A GENERATING CAPACITY OF OVER 5 MILLION KILOWATTS (NEARLY 9 PERCENT OF CANADA'S TOTAL), GENERATES APPROXIMATELY 65 PERCENT OF ALL ELECTRICAL ENERGY PRODUCED IN BRITISH COLUMBIA AND ACCOUNTS FOR 90 PERCENT OF ALL ELECTRICITY SOLD FOR PUBLIC CONSUMPTION. THE BALANCE OF ELECTRICAL GENERATION IS PROVIDED BY INDUSTRIES, PRINCIPALLY ALCAN AND COMINCO, FOR THEIR OWN USE, AND BY WEST KOOTENAY POWER AND LIGHT COMPANY (OWNED BY COMINCO). AS OF OCTOBER 1, 1975, HOWEVER, COMINCO'S AND WEST KOOTENAY'S GENERATION WAS INCORPORATED INTO B.C. HYDRO'S INTEGRATED DISTRIBUTION SYSTEM. IN 1976, 78 PERCENT OF B.C. HYDRO'S GENERATING CAPACITY WAS HYDRO-ELECTRIC, THE BALANCE BEING GAS TURBINE AND OIL GENERATED.

7. SOURCES OF GENERATION. DIFFICULT CHOICES LIE AHEAD FOR B.C. HYDRO AND FOR THE BRITISH COLUMBIA PUBLIC IN THEIR EFFORTS TO PLAN FOR A PROJECTED MINIMUM DOUBLING (AND PERHAPS TRIPLING) OF GENERATING CAPABILITY BY 1991. IN THEORY, BRITISH COLUMBIA IS ESTIMATED TO HAVE APPROXIMATELY 80 MILLION KILOWATTS OF UNDEVELOPED HYDRO POWER, AN AMOUNT WELL OVER ANY FORECASTED REQUIREMENTS FOR THIS CENTURY. HOWEVER, MOST OF THIS POTENTIAL IS IN EXTREMELY REMOTE LOCATIONS AND WOULD COMBINE OUTRAGEOUSLY HIGH DEVELOPMENT COSTS WITH LARGE ENERGY TRANSMISSION LOSSES. B.C. HYDRO ITSELF ESTIMATES THAT ONLY ABOUT 18 MILLION KILOWATTS OF THIS POTENTIAL (SEVERAL TIMES THE AMOUNT REQUIRED BY 1991) LIMITED OFFICIAL USE

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COULD BE DEVELOPED WITHOUT "INSURMOUNTABLE TECHNICAL AND ENVIRON-

MENTAL PROBLEMS." B.C. HYDRO'S PERCEPTION OF ENVIRONMENTAL CONSIDERATIONS, HOWEVER, DIFFERS SHARPLY WITH CURRENT PUBLIC VALUES, WHICH QUESTION B.C. HYDRO'S AUTONOMOUS CORPORATE STATUS AND ITS ABILITY TO ACT INDEPENDENTLY ON MATTERS EXTENDING FROM RATE STRUCTURE TO BILLION DOLLAR PROJECT DECISIONS WHICH MAY DEGRADE LAND SITES FOR DECADES TO COME.

8. B.C. HYDRO DECISION-MAKING. AS A POINT IN FACT, AND WITH ONLY MINOR EXCEPTIONS, B.C. HYDRO HAS FULL AUTHORITY TO FIX AND COLLECT ITS RATES AND HAS BEEN ABLE IN THE PAST TO PURSUE PROJECT AND SITE SELECTIONS SUBJECT TO ONLY PERFUNCTORY LICENSE HEARINGS UNDER THE WATER AND POLLUTION CONTROL ACTS. AS A RESULT, THE PUBLIC HAS HAD LITTLE INPUT INTO BASIC B.C. HYDRO DECISIONS AFFECTING ITS FUTURE AND NEITHER THE SOCIAL CREDIT NOR NDP GOVERNMENTS HAVE INTERFERED IN ANY IMPORTANT RESPECT WITH THE OPERATIONS OF THE CORPORATION AS LONG AS ECONOMIC GROWTH BENEFITS COULD BE ADDUCED. THAT ERA OF UNQUESTIONING ACQUIESCENCE TO B.C. HYDRO DECISIONS IS OVER AND B.C. HYDRO NOW ACCEPTS, ALTHOUGH GRUDGINGLY, THAT CHOICES CAN NO LONGER BE BASED SOLELY ON ENGINEERING AND ECONOMIC CONSIDERATIONS BUT MUST ACCOMMODATE TO CHANGING PUBLIC VALUES AND GENERAL AWARENESS OF THE IMPORTANCE OF PROTECTING THE ENVIRONMENT.

9. ENVIRONMENT VS. DEVELOPMENT. THE STRONGEST OPPOSITION TO HYDRO PROJECTS COMES PRIMARILY FROM TWO SOURCES: ENVIRONMENTALIST GROUPS (ESPECIALLY THE B.C. WILDLIFE FEDERATION) AND COMMERCIAL SALMON FISHERMEN. NO ELECTRICITY GENERATION OR TRANSMISSION PROJECT IS WITHOUT ENVIRONMENTAL CONSEQUENCES, OFFER SEVERE

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ONES, AND THE ENVIRONMENTALISTS HAVE SUCCEEDED IN FORCING A GREATER RECOGNITION OF THOSE CONSEQUENCES. THE SALMON FISHERMEN PACK MORE CLOUT. THEIR CONCERNS HAVE FORCED B.C. HYDRO TO DROP SERIOUS CONSIDERATION OF DAMS ON THE LOWER FRASER RIVER, EVEN THOUGH SUCH DAMS REPRESENT 30 PERCENT OF REMAINING HYDRO-ELECTRIC POTENTIAL IN BRITISH COLUMBIA.

10. REVELSTOKE DAM PROJECT. AMONG THE HYDROELECTRIC PROJECTS CURRENTLY PLANNED BY B.C. HYDRO, THE REVELSTOKE DAM HAS AROUSED THE MOST OPPOSITION. THE MAIN FEAR IS THAT THE WATER IN THE RESERVOIR WOULD DESTABILIZE A LARGE LANDSLIDE UPSTREAM OF THE DAM, CAUSING A TIDAL WAVE WHICH MIGHT TOP OR BREACH THE DAM. NEVERTHELESS, B.C. HYDRO LET TENDERS FOR CONSTRUCTION OF THE DAM PRIOR TO OBTAINING A WATER LICENSE (SUBSEQUENTLY ISSUED) AND BEFORE HEARINGS ON THE PROJECT HAD CLOSED. DESPITE THE PUBLIC PROTEST, HYDRO APPEARS TO BE GOING AHEAD WITH THE DAM WHICH WOULD BE AN EXTENSION OF THE COLUMBIA RIVER TREATY PROJECT AT MICA.

11. OTHER HYDRO POWER PROJECTS. TWO OTHER HYDRO PROJECTS HAVE AROUSED SERIOUS OPPOSITION. THESE ARE THE DIVERSION OF THE LIMITED OFFICIAL USE

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KOOTENAY AND MACGREGOR RIVERS. THERE IS EVIDENCE THAT HYDRO IS MORE SERIOUSLY CONSIDERING PUBLIC OPPOSITION TO THESE PROJECTS. THE MACGREGOR PROJECT, WHICH WOULD DIVERT FRASER RIVER WATER INTO THE PEACE RIVER, IS OPPOSED BY SALMON FISHERMEN ON THE GROUNDS THAT IT WILL FLOOD A MAJOR POTENTIAL SALMON SPAWNING AREA, MAY CAUSE A RISE IN TEMPERATURE IN THE FRASER RIVER DETRIMENTAL TO SALMON, AND MAY INTRODUCE ARCTIC WATERSHED PARASITES INTO THE FRASER. THE KOOTENAY PROJECT, WHICH IS SPECIFICALLY AUTHORIZED BY THE COLUMBIA RIVER TREATY, PROVIDES FOR THE DIVERSION OF WATER FROM THE HEADWATERS OF THE KOOTENAY RIVER INTO THE COLUMBIA. ENVIRONMENTALISTS FEAR THAT THE DECREASED FLOW IN THE KOOTENAY MAY INCREASE POLLUTION PROBLEMS IN B.C. AND MONTANA.

12. THERMAL PROJECT. APART FROM ENVIRONMENTAL OBJECTIONS, HIGHER CAPITAL COSTS ASSOCIATED WITH HYDROELECTRIC GENERATION HAVE FORCED B.C. HYDRO TO CONSIDER OTHER TYPES OF GENERATION. THE MAIN PROPOSAL IS FOR A 2000 MEGATWATT THERMAL PLANT BASED ON THE HAT CREEK COAL DEPOSIT, LOCATED ABOUT 200 MILES NORTHEAST OF VANCOUVER NEAR ASHCROFT. A B.C. HYDRO SPOKESMAN RECENTLY STATED THAT DEVELOPMENT AT HAT CREEK WOULD MEAN THE DELAY OF SUCH ENVIRONMENTALLY SENSITIVE PROJECTS AS THE MACGREGOR DIVERSION. THIS PLANT WOULD PROVIDE OVER HALF THE INCREASE IN THERMAL-GENERATING CAPACITY THAT B.C.

HYDRO BELIEVES IT NEEDS BY 1991. THE LOWER CAPITAL COSTS OF THERMAL PROJECTS MAKE THEM A VERY ATTRACTIVE SUBSTITUTE FOR HYDROELECTRIC POWER, ESPECIALLY SINCE B.C. HAS ENORMOUS RESERVES OF COAL. CAPITAL COSTS FOR HAT CREEK WOULD BE LESS THAN HALF THE COSTS FOR COMPARABLE GENERATING CAPACITY FROM THE REVEL-STOKE HYDRO PROJECT, ALTHOUGH OPERATING COSTS WOULD BE HIGHER.

13. NUCLEAR GENERATION. ALTHOUGH PLANNED HYDRO AND THERMAL PLANTS SHOULD COVER PROVINCIAL ELECTRICITY DEMAND FOR THE NEXT 20 YEARS OR MORE, B.C. HYDRO CHAIRMAN BONNER AND OTHERS HAVE FLOATED A NUMBER OF TRIAL BALLOONS RECENTLY REGARDING NUCLEAR POWER. B.C. HYDRO HAS SUGGESTED THAT IF IT IS NOT ALLOWED TO LIMITED OFFICIAL USE

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DEVELOP SUFFICIENT HYDRO AND THERMAL SOURCES, IT MAY BE "FORCED" TO GO TO NUCLEAR POWER. THESE STATEMENTS HAVE MET PREDICTABLE OPPOSITION. HOWEVER, THEY ARE PROBABLY THE BEGINNING OF A SOFTENING UP PROCESS TO PREPARE FOR THE POSSIBILITY THAT NUCLEAR PLANTS IN THE POST-1990 PERIOD MAY BE NECESSARY TO MEET EVER HIGHER DEMAND REQUIREMENTS. B.C. HYDRO PRESENTLY TAKES THE POSITION THAT IT IS NOT ITS FUNCTION TO INFLUENCE DEMAND, EITHER TO INCREASE OR DECREASE IT, AND THAT IT SHOULD JUST RESPOND TO MARKET FORCES. HYDRO IS MAKING ONLY TOKEN EFFORTS TO EFFECT ENERGY CONSERVATION. HOWEVER, THE RAPIDLY INCREASING DEBT BURDEN CAUSED BY SKYROCKETING CAPITAL COSTS OF NEW GENERATING FACILITIES IS CAUSING THE B.C. GOVERNMENT TO TAKE A MUCH HARDER LOOK AT CONSERVATION AS A "CHEAP ENERGY SOURCE." THIS EXAMINATION MAY FORCE B.C. HYDRO TO TAKE A MORE ACTIVE ROLE IN CONSERVATION EFFORTS.

14. U.S. INTERESTS. B.C. HYDRO INTERACTS WITH THE UNITED STATES IN TWO SPECIFIC WAYS. B.C. HYDRO, AS THE "CANADIAN ENTITY"

UNDER THE TERMS OF THE US-CANADIAN COLUMBIA RIVER TREATY, IS CHARGED WITH THE OPERATION OF THREE COLUMBIA RIVER DAMS IN B.C. WHICH CONTRIBUTE SIGNIFICANTLY TO THE UTILITY'S EXISTING AND POTENTIAL HYDRO-ELECTRICITY GENERATING CAPACITY. IN ADDITION, B.C. HYDRO IS ONE OF THE 18 UTILITY MEMBERS (ALL THE OTHERS ARE US) OF THE NORTHWEST POWER POOL WHO SHARE POWER, WATER RESOURCES AND TECHNOLOGY. EACH POOL MEMBER, THROUGH POWER GRID CONNECTIONS, CAN AUTOMATICALLY DRAW FROM EXCESS GENERATING CAPACITY OF OTHER MEMBERS WHEN IT IS SUFFERING A POWER FAILURE. FREQUENT IMPORT-EXPORT OF ELECTRICITY OCCURS THROUGH THESE GRID INTERCHANGES. NET EXPORTS BY B.C., HOWEVER, ARE GENERALLY SMALL, ALTHOUGH IN THE SPRING AND SUMMER OF 1976 THEY AMOUNTED TO \$15 MILLION. AT PRESENT, ELECTRICITY EXPORTS BY B.C. HYDRO HAVE BEEN CURTAILED DUE TO AN EXTREMELY LOW SNOWPACK IN B.C., LEADING TO CONCERN THAT WATER LEVELS MAY BE INSUFFICIENT IN BRITISH COLUMBIA THIS SUMMER TO MEET DOMESTIC GENERATING REQUIREMENTS. AT THE SAME TIME, HOWEVER, B.C. HYDRO,

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IN COOPERATION WITH WESTERN U.S. UTILITIES, ANNOUNCED THE
RELEASE OF 1.7 MILLION ACRE-FEET OF WATER FROM ITS
COLUMBIA RIVER TREATY DAMS TO HELP OFFSET LOW WATER IN U.S.
COLUMBIA RIVER RESERVOIRS CAUSED BY DROUGHT CONDITIONS IN THE WESTERN
U.S. STATES. IN TERMS OF FUTURE PROSPECTS, THE U.S. MAY STAND TO
BENEFIT FROM THE AVAILABILITY OF ELECTRICITY FOR EXPORT IF B.C.
HYDRO, AS ITS CRITICS CLAIM, IS OVERESTIMATING DEMAND GROWTH FOR
ELECTRICAL POWER AND EXPANDS GENERATING FACILITIES ACCORDINGLY.
IT IS NOT, HOWEVER, THE POLICY OF B.C. HYDRO TO DEVELOP POWER
SPECIFICALLY FOR EXPORT. LUPPI

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